

## PATENT ABSTRACTS OF JAPAN

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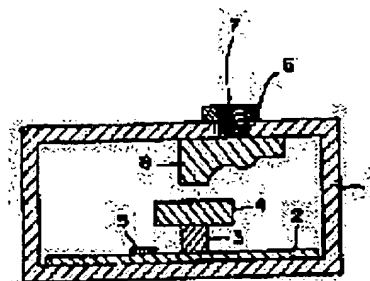
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## (54) MICROWAVE OSCILLATOR

## (57)Abstract:

PURPOSE: To make the entire oscillator small by minimizing the projection from a case.

CONSTITUTION: The microwave oscillator is provided with an oscillation circuit comprising combination of a microstrip line 5, an active element and a passive element in the vicinity of a dielectric resonator 4 fixed onto a dielectric board 2 in a case 10 via a support base 3 and with a frequency adjustment means comprising a metal-made disk 8 with a different thickness of a circumference on the dielectric resonator 4, inserted to a throughhole of the case 10 and fixed to a lower end of a metal-made screw 7 threaded to a nut 6 on the throughhole. An upper end of the screw section 7 is not projected from the upper face of the nut 6 when the screw section of the frequency adjustment means is turned.



## LEGAL STATUS

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